

Manhole Inspection Summary

Manhole # S39G__043MH

Printed On: 4/3/2009

Page 1 of 5

Inspection ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **39G** Node: **043** Status: **Found**

Insp Date: **2/20/09 11:34 AM**

Incomplete Comments

Crew: **benharris**
Inspector: **paulfry**
Firm: **ATS**

Location Address: **1023 WATSON ST**

Cross Street: **HORSERADISH LN**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **Sheeting**

Comments **BROKE AND REPLACED PREVIOUS 30" SANITARY LID. INSPECTION COMPLETE. REPLACED WITH NEW LID. NOTE THAT HOUSE CONNECTION LINE IS GREATER THAN 90% BLOCKED WITH GREASE.**

Cover

Shape: **Circular**

Diameter: **30** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **0** (in.)

Condition: ☐ Sound

☒ **Cracked**

☒ **Leaks**

Chimney / Frame Adjustment

☐ Exists Material:

☐ Parged Height: **0** (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Corbel

Material: **Precast Concrete**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☒ **Loose Brick** ☒ **Deteriorated**

Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Barrel

Material: **Precast Concrete**

☐ Parged

Shape: **Circular**

Diameter: **42** (in.) Length: **0** (in.)

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Bench

☒ Exists

Material: **Precast Concrete**

☐ Parged

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☒ **Debris**

Channel

Material: **Concrete**

☐ Parged

Channel Exposure: **Fully Open**

Junc Dist: **0**

nearest .5 ft.

Azimuth: **0**

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☒ **Debris**

Steps

Count: **6**

Missing: **0**

☒ **Corroded**

Surcharge

☐ Evidence Of Surcharge

Depth: **0** (ft.)

☐ Active Surcharge Present

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Page 2 of 5

Location View



Top View



Miscellaneous



replaced previous lid with new 30"
sanitary

Miscellaneous



prior lid was sealed into frame and
required a saw to be cut out.

Defect 4



bench debris; stairs are corroded

Defect 3



loose and missing bricks, evidence of
infiltration from frame/corbel joint

Defect 2



barrel joint leaks, also note large crack in center of photo

Defect 1



frame cracked, evidence of inflow due to sheeting from crown of roadway

Defect 5



channel debris

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Page 4 of 5

10 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **9.6** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **9.96** (ft.) Flow Characteristics: **Slow**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: **0** (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

10 in. Circular Gravity Sewer
Pipe In @ 6 O'Clock

6 O'Clock Inflow



Pipe Height: **10.8** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **9.97** (ft.) Flow Characteristics: **Slow**
Deposits: ☐ None ☐ Mud ☐ Sludge ☒ Debris ☐ Grease
Silt Depth: **2** (in.) Deposits Extent: **Light**
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

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Page 5 of 5

8 in. Circular Gravity Sewer

9 O'Clock Inflow

Pipe In @ 9 O'Clock



connection is almost fully closed due to grease and other debris

Pipe Height: **0** (in.) Direct

Pipe Material: **PVC** ☐ Pipe Lined

Invert Depth: **9.20** (ft.) Flow Characteristics: **Slow**

Deposits: ☐ None ☐ Mud ☐ Sludge ☒ **Debris** ☒ **Grease**

Silt Depth: **7.5** (in.) Deposits Extent: **Heavy**

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Out of Sewer Shed (No Info)**

☐ Possible Illicit Connection